

FIGURE 1

ZmCKX1	1	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100		
AtCKX1	1	MGLTSSLR	FRHRQNNK	TFGLGIFMILV	LSCLPGR	TNLC	SNHVS	TPKELP	SSNP	SDIR	SSLSV	LDLEGY	ISFDDV	HNVA	KDFGN	RYQLP	PLA	LHP	RSV	FDI				
AtCKX2	1	-----	-----	-----	-----	-----	-----	MANLR	MITL	ITVLM	ITKSS	NGIK	IDLPKS	INLT	ISTDP	SIIS	AASHD	FGN	HTT	VT	PG	GV		
AtCKX3	1	-----	-----	-----	-----	-----	-----	MASYN	LR	QVR	LIA	IT	IT	IT	IT	IT	IT	IT	IT	IT	IT	IT		
AtCKX4	1	-----	-----	-----	-----	-----	-----	MTNT	CL	SL	IT	IT	IT	IT	IT	IT	IT	IT	IT	IT	IT	IT		
ZmCKX1	82	VAL	SAAN	STPG	-----	-----	-----	WPY	THA	FRGR	GHSL	MGAF	APCG	VVVN	MAS	LGDA	AA	PPR	IN	VS	ADGR	YVD	AGGE	
AtCKX1	101	SSM	KHIV	HLG	STN	-----	-----	LTVA	ARGH	GHSL	QGO	ALAH	QGVV	IK	WES	LR	-----	PD	IR	YK	GQ	PP	YDV	SCGE
AtCKX2	70	SRL	QYA	ANGK	-----	-----	-----	STFQ	VA	ARG	GHSL	NGQ	ASV	SGV	VNM	TCI	TD	-----	VV	SK	DK	KY	AD	VA
AtCKX3	83	TDL	KL	SF	DS	QLS	-----	FP	LA	ARGH	GHSL	HR	GO	AS	AKD	GV	VNM	RM	SM	VN	-----	RDR	GK	VS
AtCKX4	77	ARL	IR	FANG	GFS	YNK	GST	PAS	TE	KVA	ARG	GHSL	RG	QAS	APCG	VV	VNM	TCI	AMA	AK	PA	AV	VS	AD
ZmCKX1	173	LT	VGGT	LS	NAGI	SCQ	AFR	HGP	QIS	NV	LEMD	VI	TG	HG	EM	VT	CS	KQ	LN	AD	LF	DA	VL	CG
AtCKX1	190	LT	VGGT	LS	NAGI	SCQ	AFR	HGP	QIS	NV	LEMD	VI	TG	HG	EM	VT	CS	KQ	LN	AD	LF	DA	VL	CG
AtCKX2	154	LT	VGGT	LS	NAGI	SCQ	AFR	HGP	QIS	NV	LEMD	VI	TG	HG	EM	VT	CS	KQ	LN	AD	LF	DA	VL	CG
AtCKX3	171	LT	VGGT	LS	NAGI	SCQ	AFR	HGP	QIS	NV	LEMD	VI	TG	HG	EM	VT	CS	KQ	LN	AD	LF	DA	VL	CG
AtCKX4	177	LT	VGGT	LS	NAGI	SCQ	AFR	HGP	QIS	NV	LEMD	VI	TG	HG	EM	VT	CS	KQ	LN	AD	LF	DA	VL	CG
ZmCKX1	273	RP	GGG	AS	FG	PM	SY	VEG	SV	FV	NQ	SL	AT	D	L	A	N	T	G	F	T	D	A	D
AtCKX1	290	EK	-----	-----	-----	-----	-----	TFD	Y	VEG	FV	I	N	R	T	D	L	N	N	W	R	S	S	F
AtCKX2	254	AND	IG	-----	-----	-----	-----	VD	Y	LEG	QI	F	L	S	N	G	-----	VV	D	T	S	F	P	P
AtCKX3	271	T	-----	-----	-----	-----	-----	VD	F	EG	S	I	M	D	H	G	P	P	-----	DN	WR	S	T	Y
AtCKX4	277	TND	LG	-----	-----	-----	-----	VD	F	EG	Q	I	M	S	N	G	-----	FV	D	T	S	F	P	P
ZmCKX1	373	AF	LDR	VH	GE	E	VAL	NK	LGL	WR	V	PH	P	W	L	N	M	E	V	P	R	S	R	I
AtCKX1	377	EF	LDR	VH	GE	E	VAL	NK	LGL	WR	V	PH	P	W	L	N	M	E	V	P	R	S	R	I
AtCKX2	340	DF	LNR	VH	VE	EN	K	L	R	S	L	G	L	W	E	L	P	H	P	W	L	N	L	Y
AtCKX3	358	DF	LNR	VH	VE	EN	K	L	R	S	L	G	L	W	E	L	P	H	P	W	L	N	L	Y
AtCKX4	363	DF	LNR	VH	VE	EN	K	L	R	S	L	G	L	W	E	L	P	H	P	W	L	N	L	Y
ZmCKX1	466	DL	AR	Q	E	Q	N	R	R	I	L	R	F	C	D	L	A	G	I	Q	K	T	Y	L
AtCKX1	473	D	L	E	Y	L	L	K	Q	N	R	V	M	N	F	C	A	A	N	L	N	K	Q	Y
AtCKX2	435	D	L	P	E	S	V	N	E	K	I	R	F	C	D	S	G	I	K	K	Q	Y	L	M
AtCKX3	451	N	W	E	A	F	D	Q	E	N	M	E	I	L	K	F	C	E	D	A	N	G	V	I
AtCKX4	457	N	W	Q	E	L	E	N	L	N	D	K	V	I	Q	F	C	E	N	S	G	I	K	E

FIGURE 2

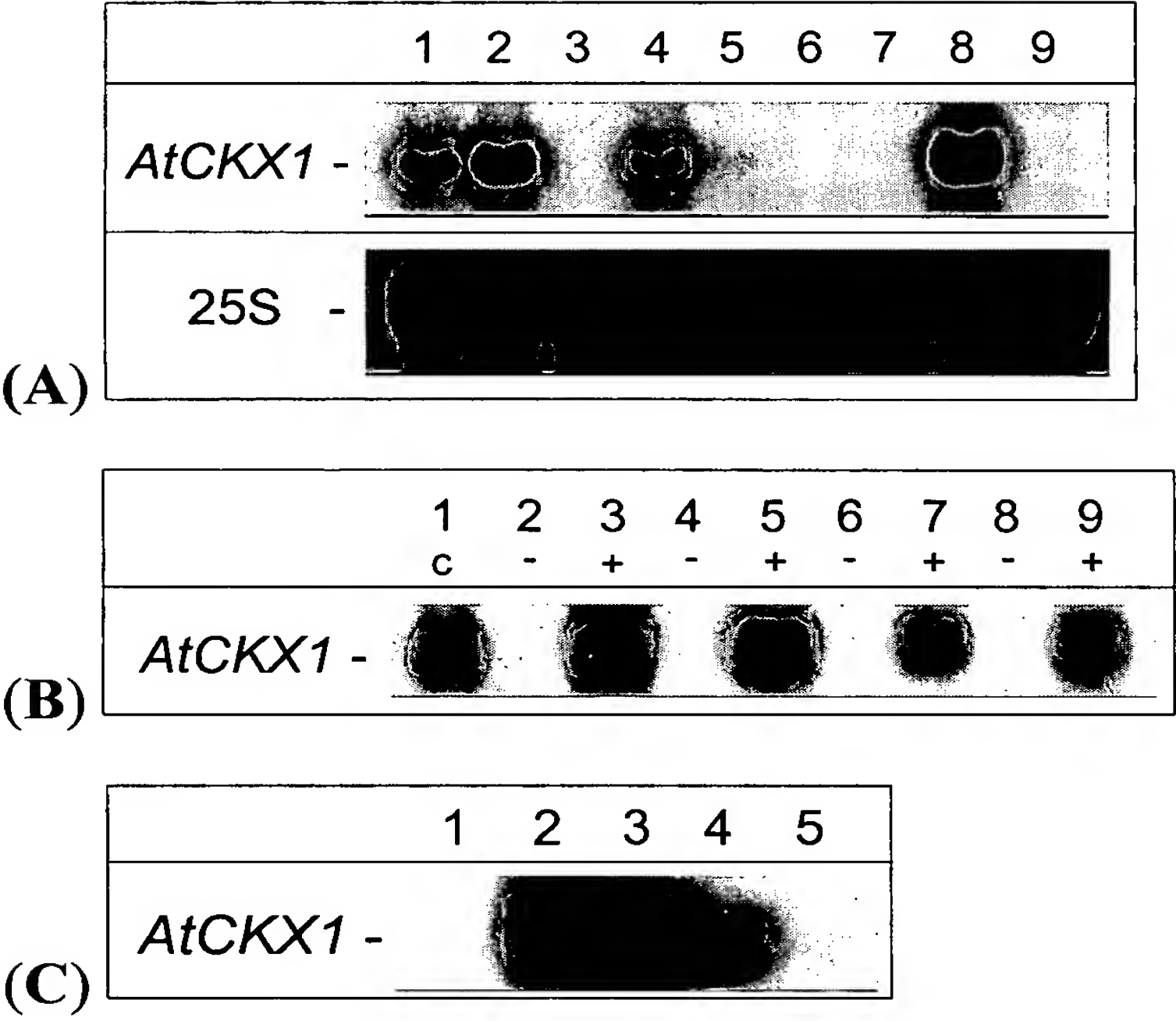


Figure 3

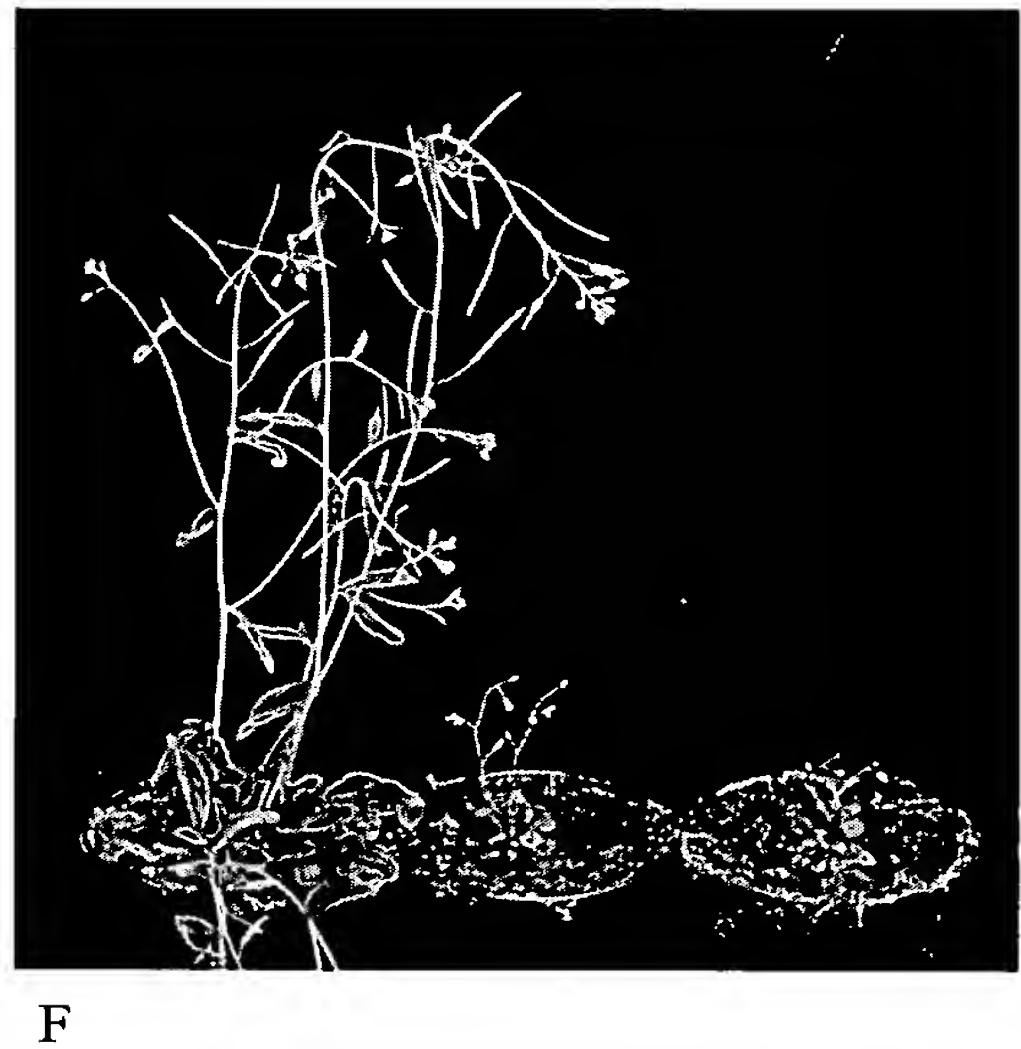
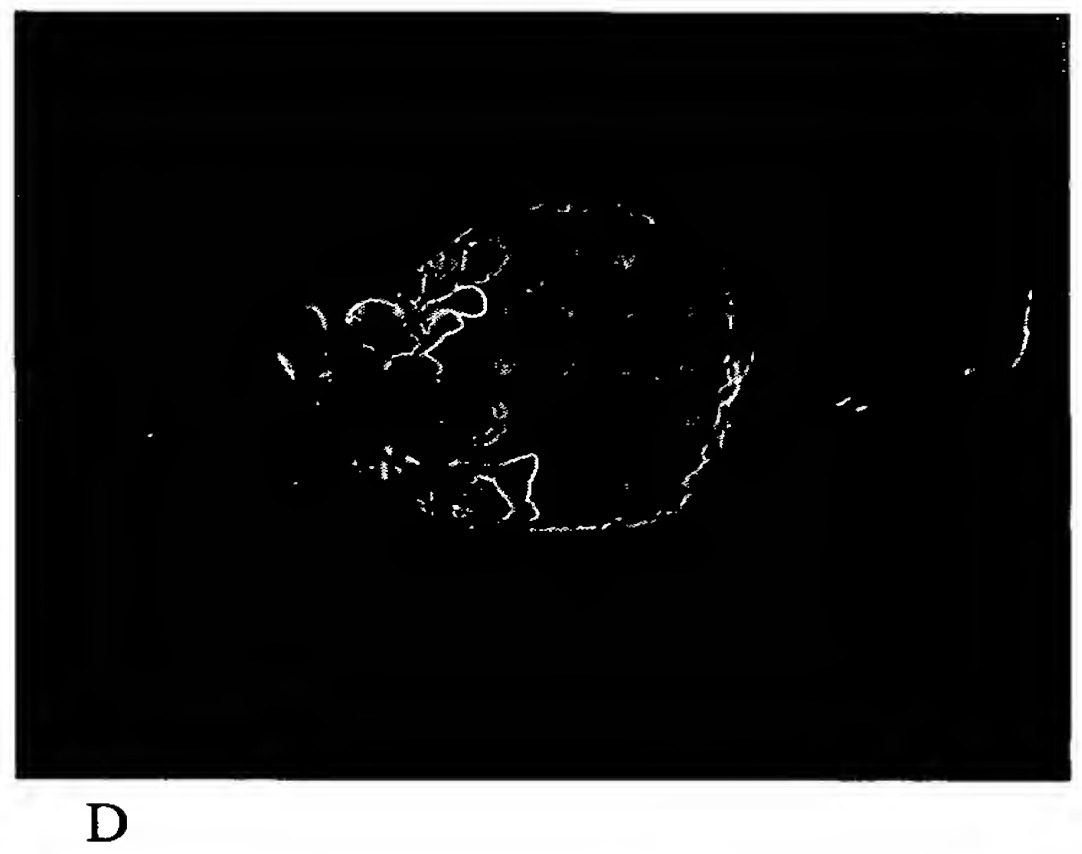
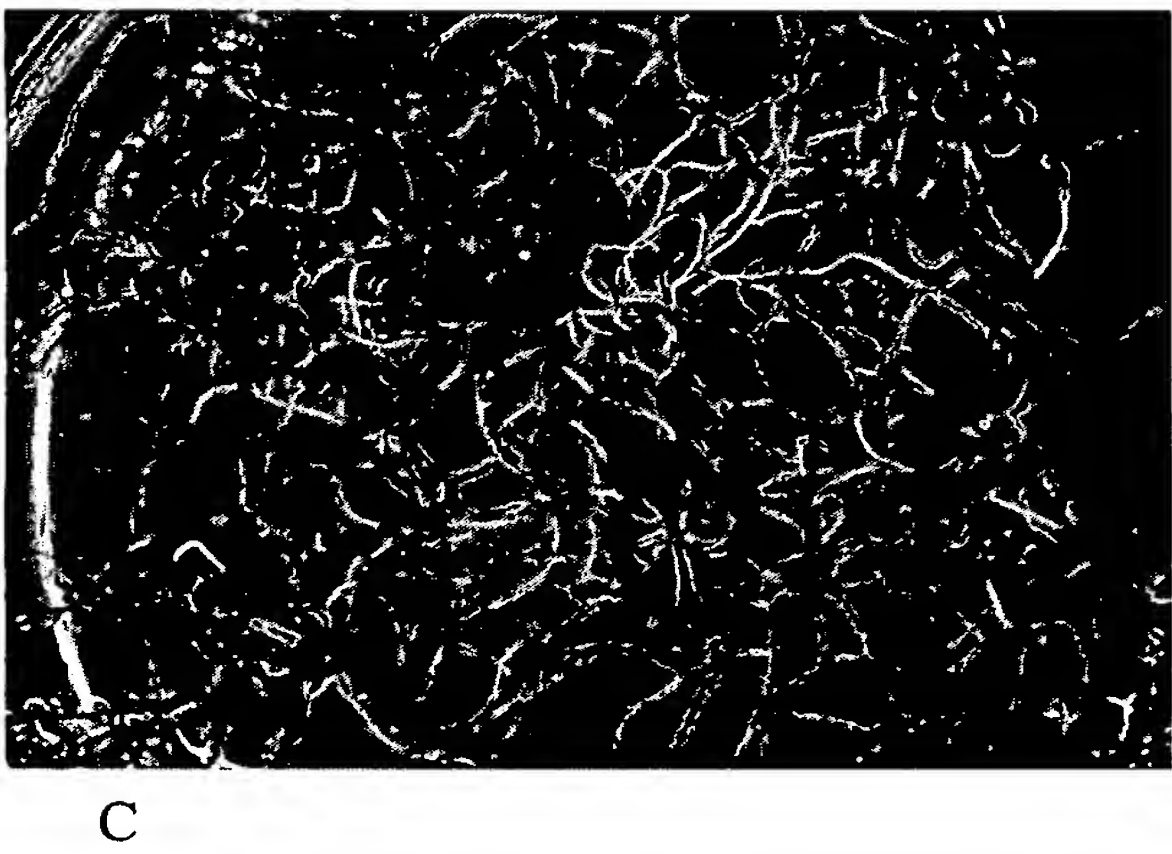
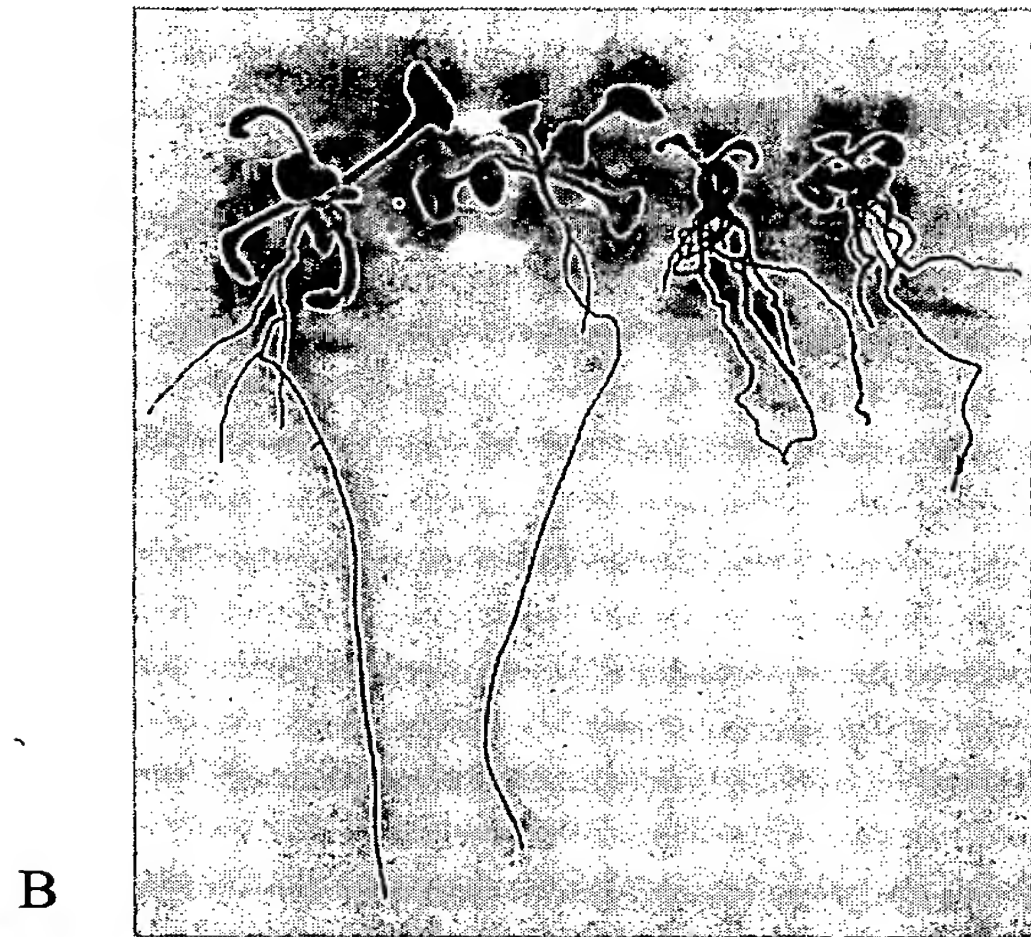
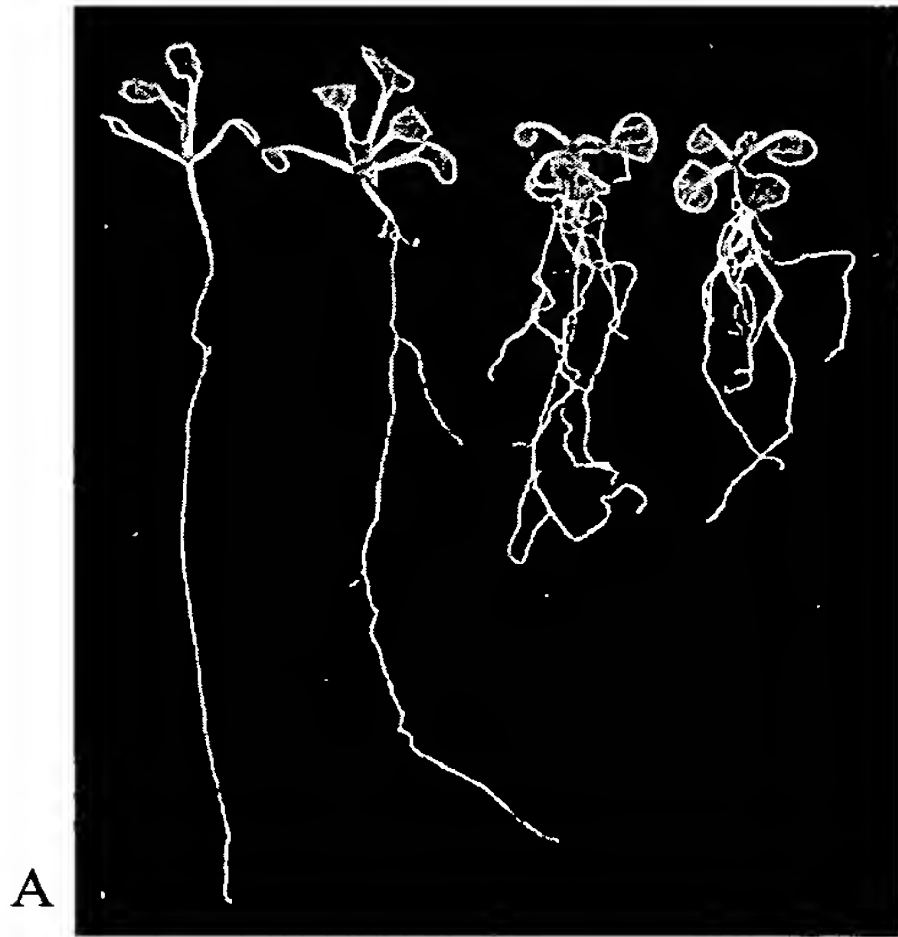


Figure 4

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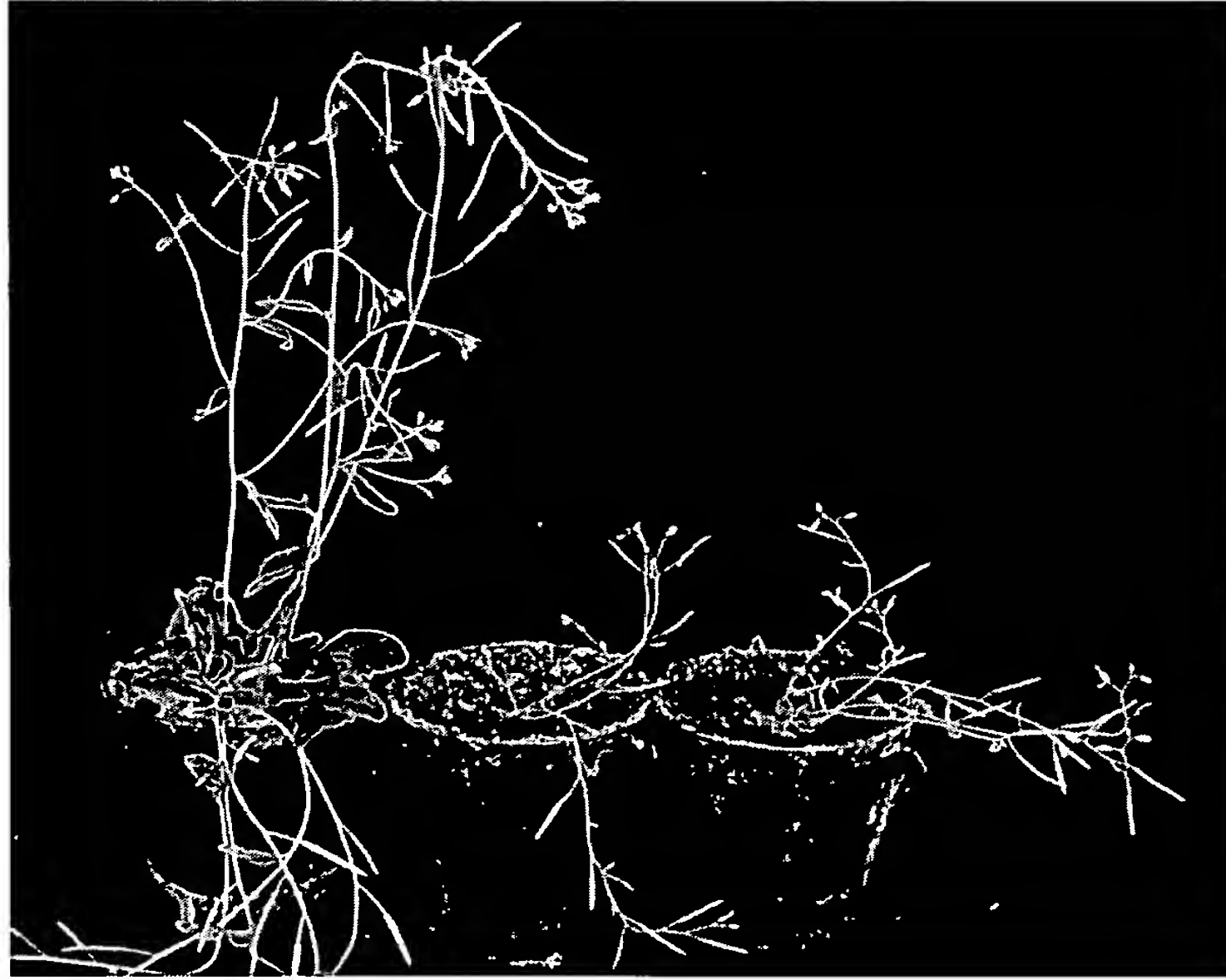


Figure 5

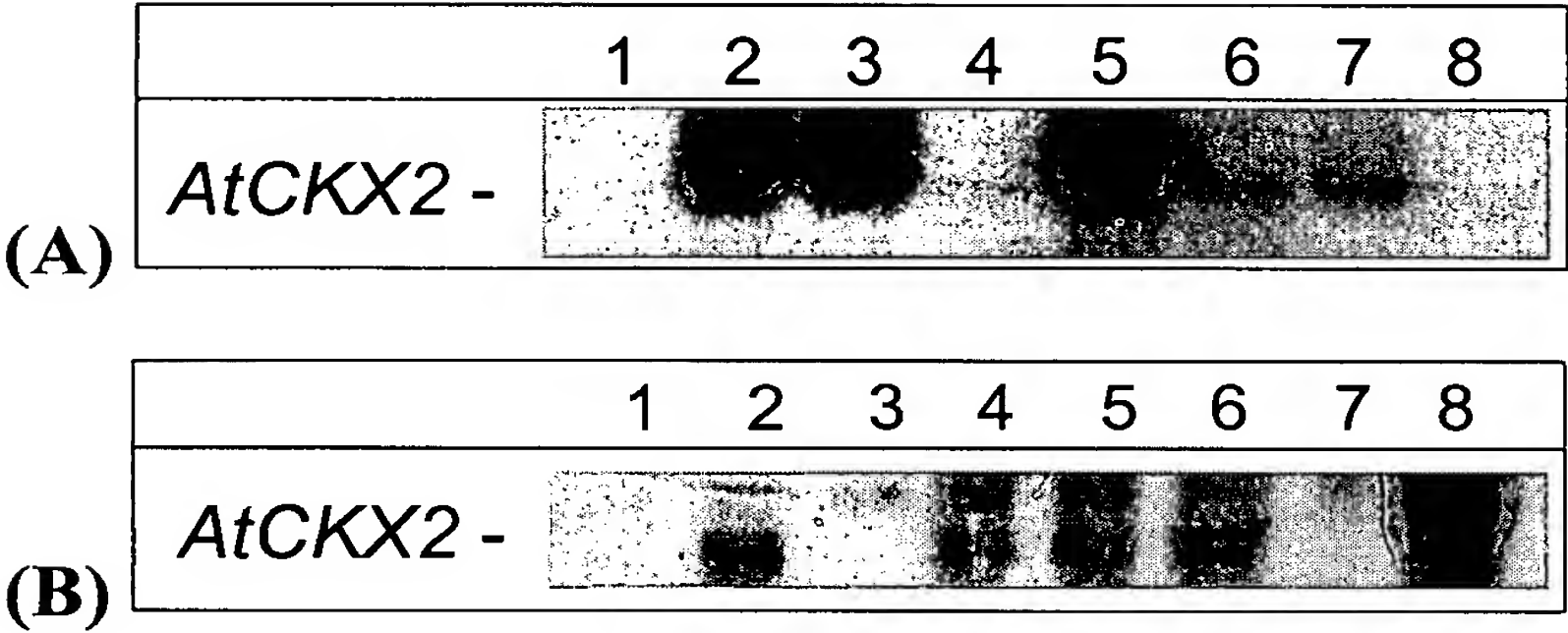


Figure 6

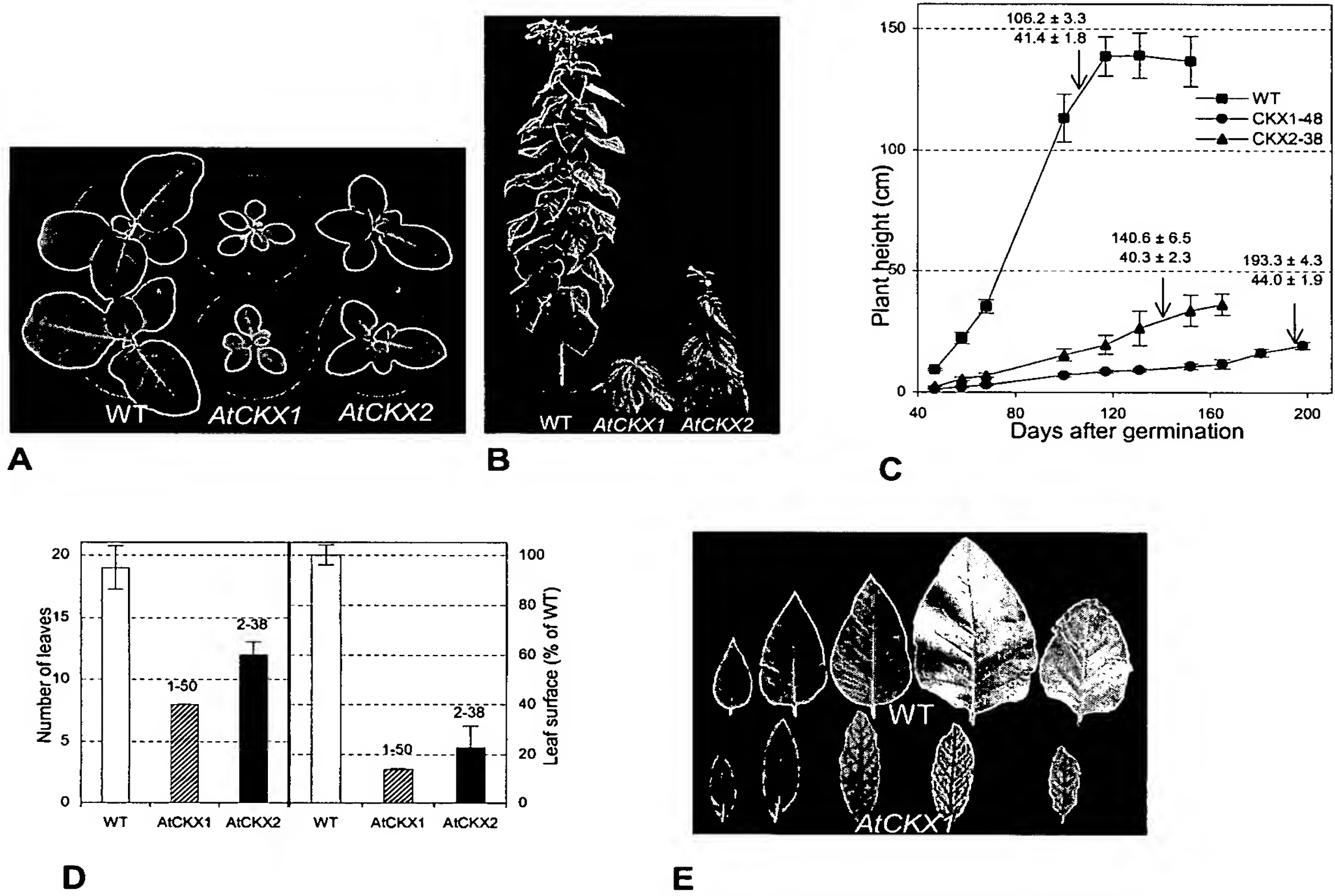
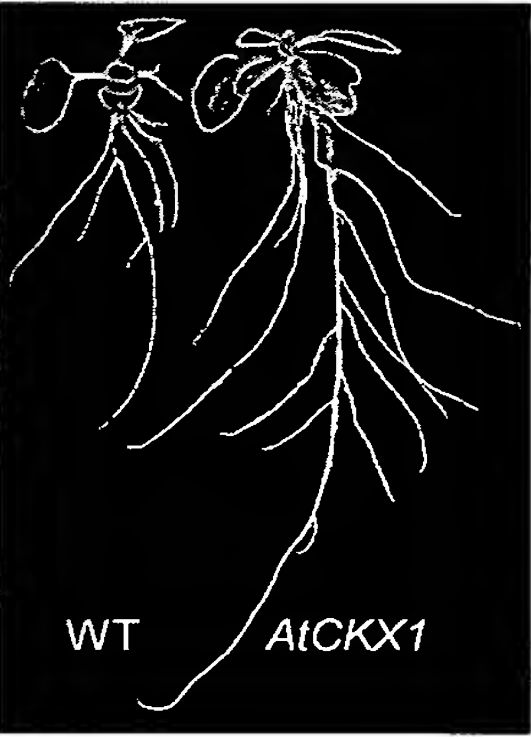
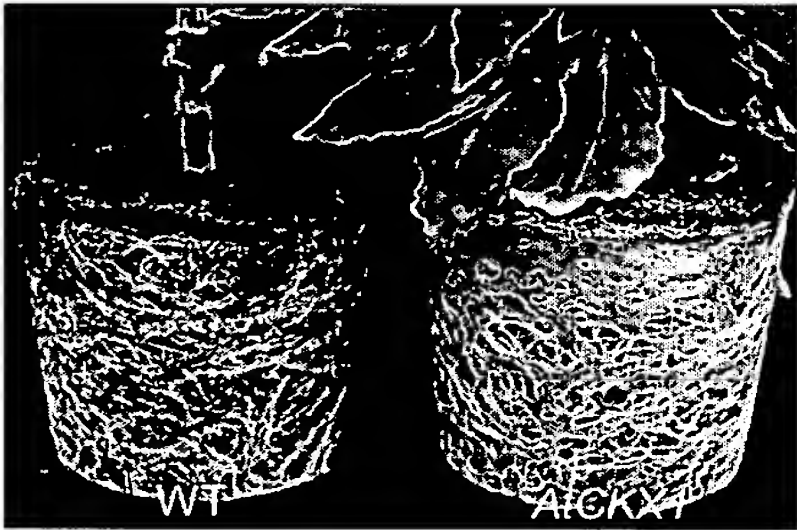


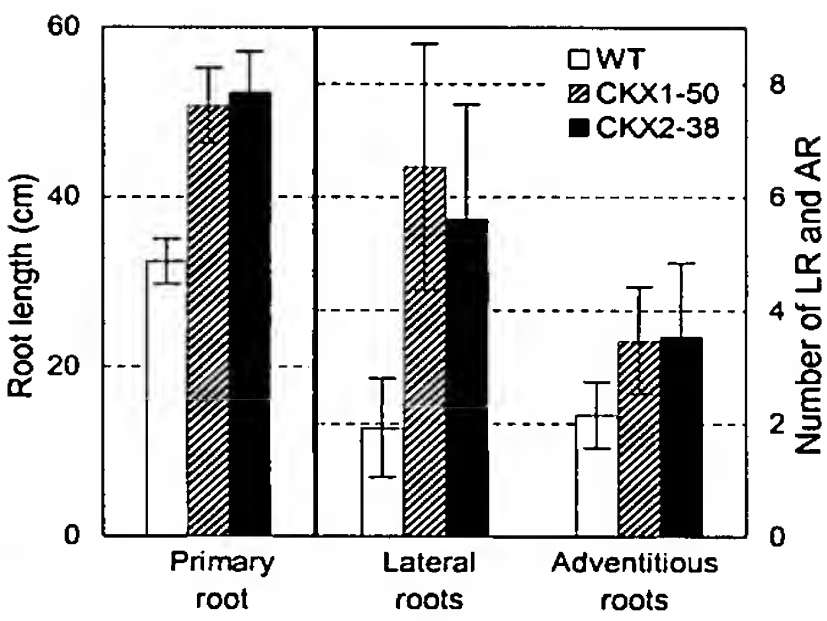
Figure 7



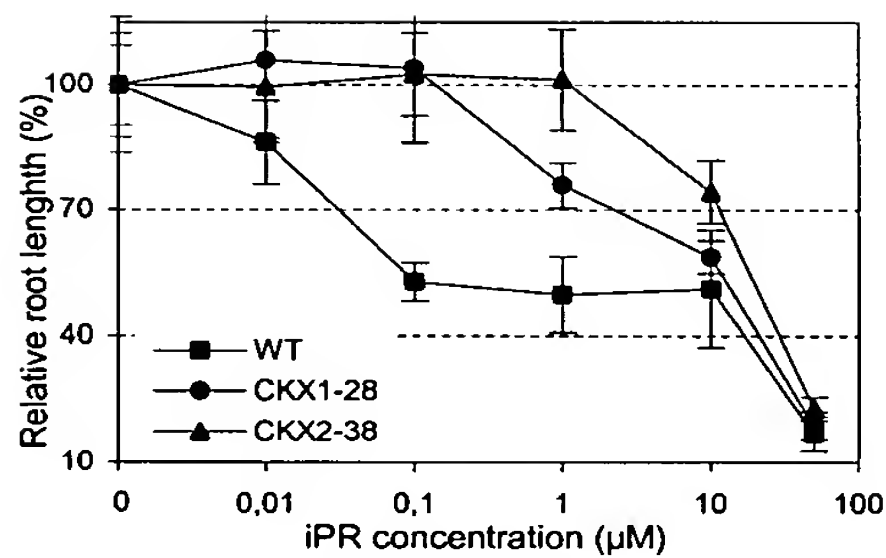
A



B



C



D

Figure 8

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Figure 9

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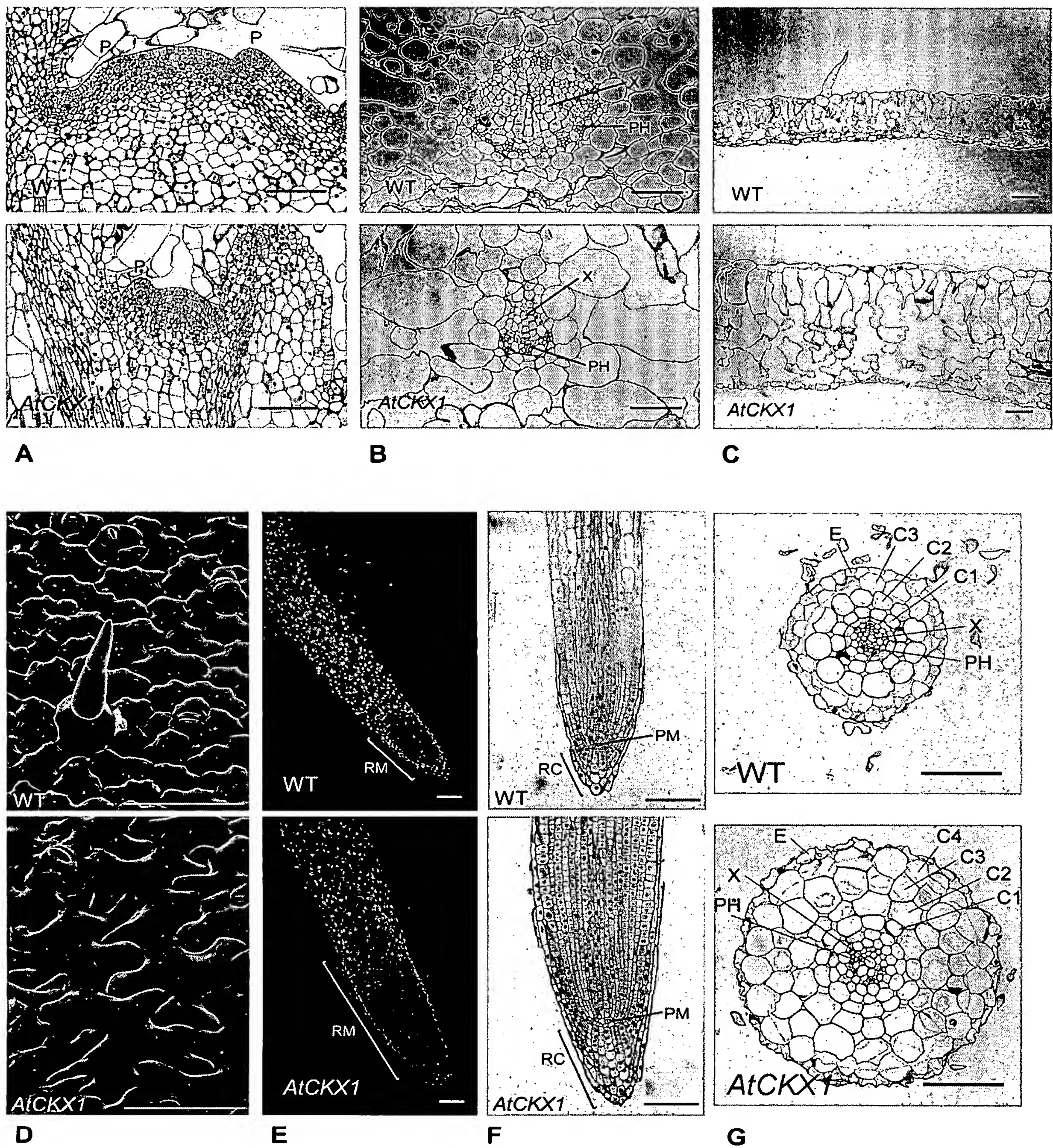


Figure 10

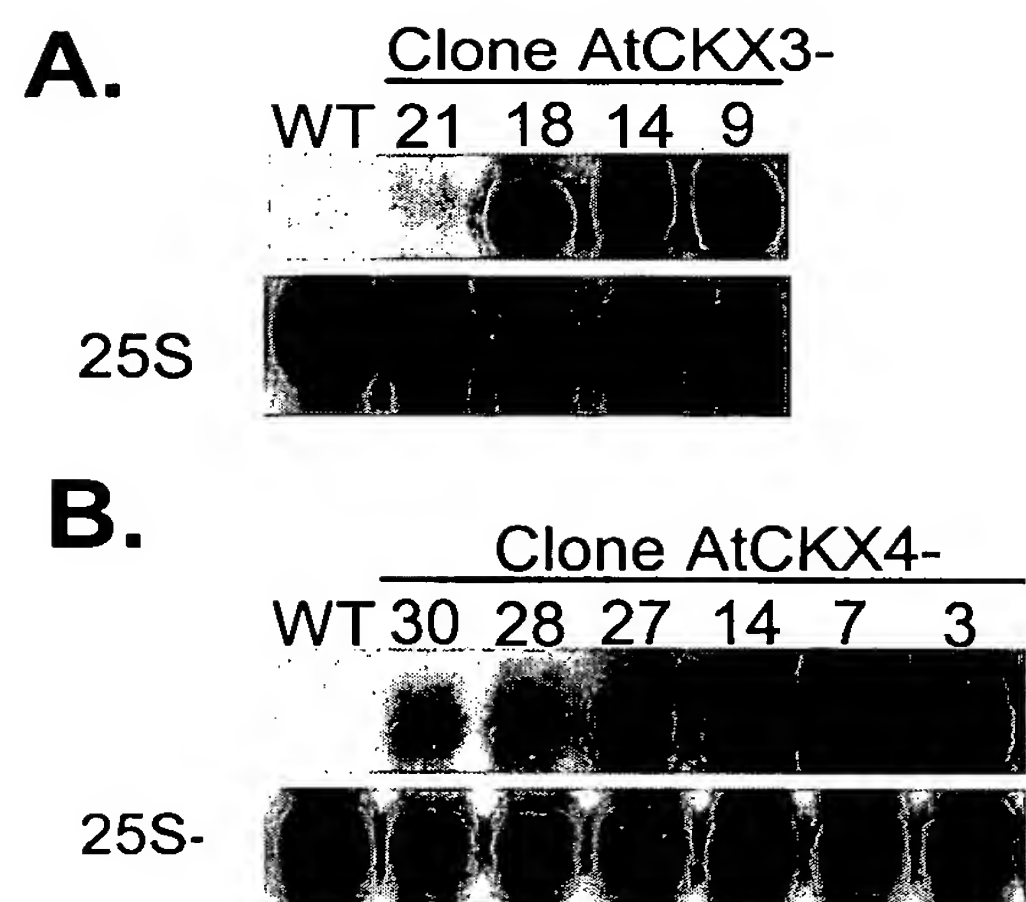
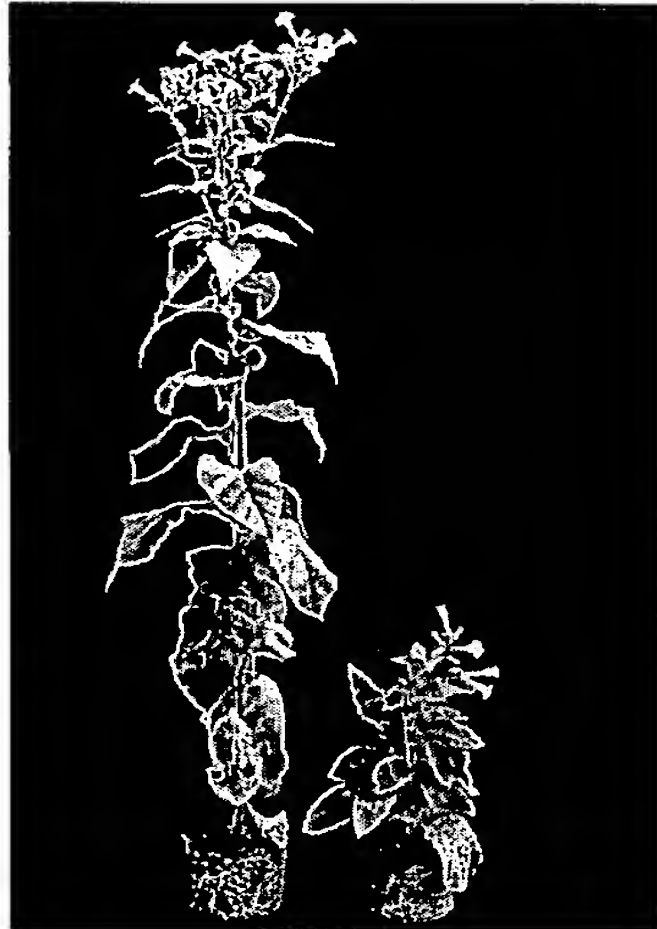


Figure 11

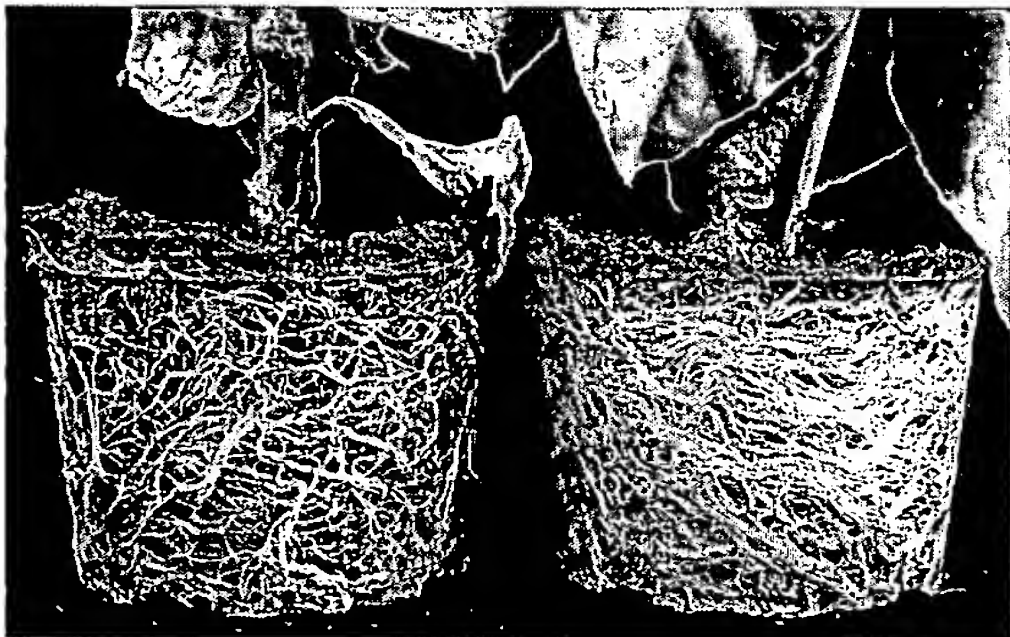
12/16



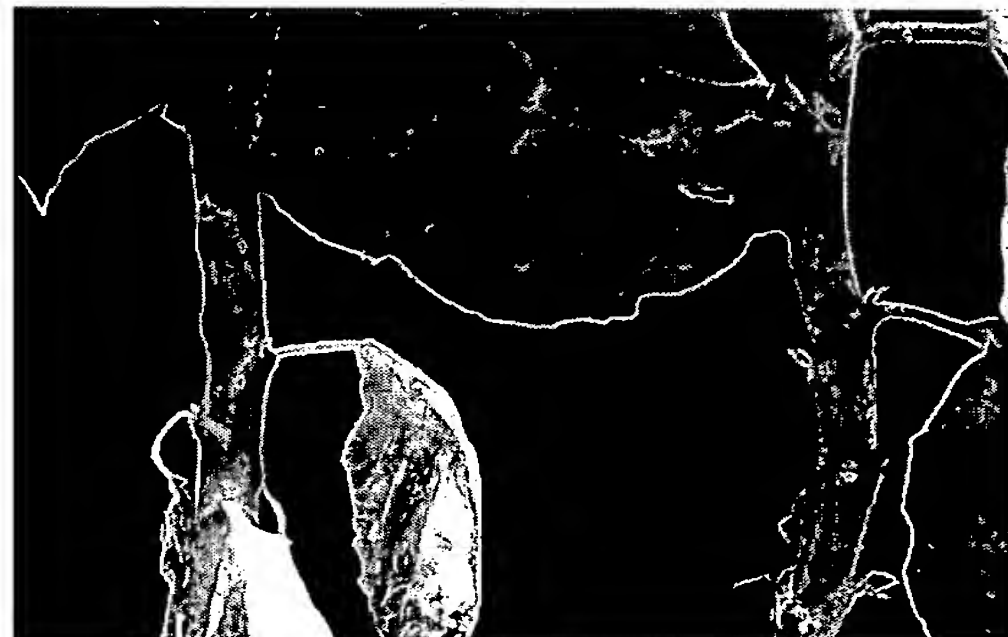
A



B

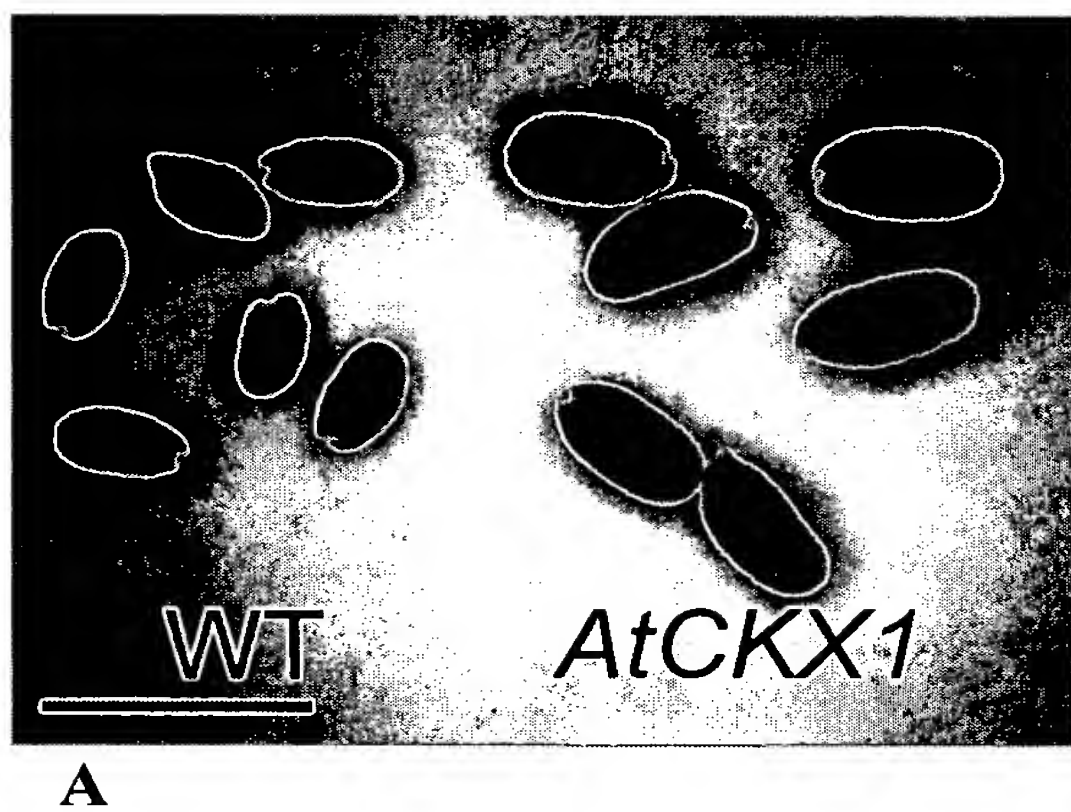


C



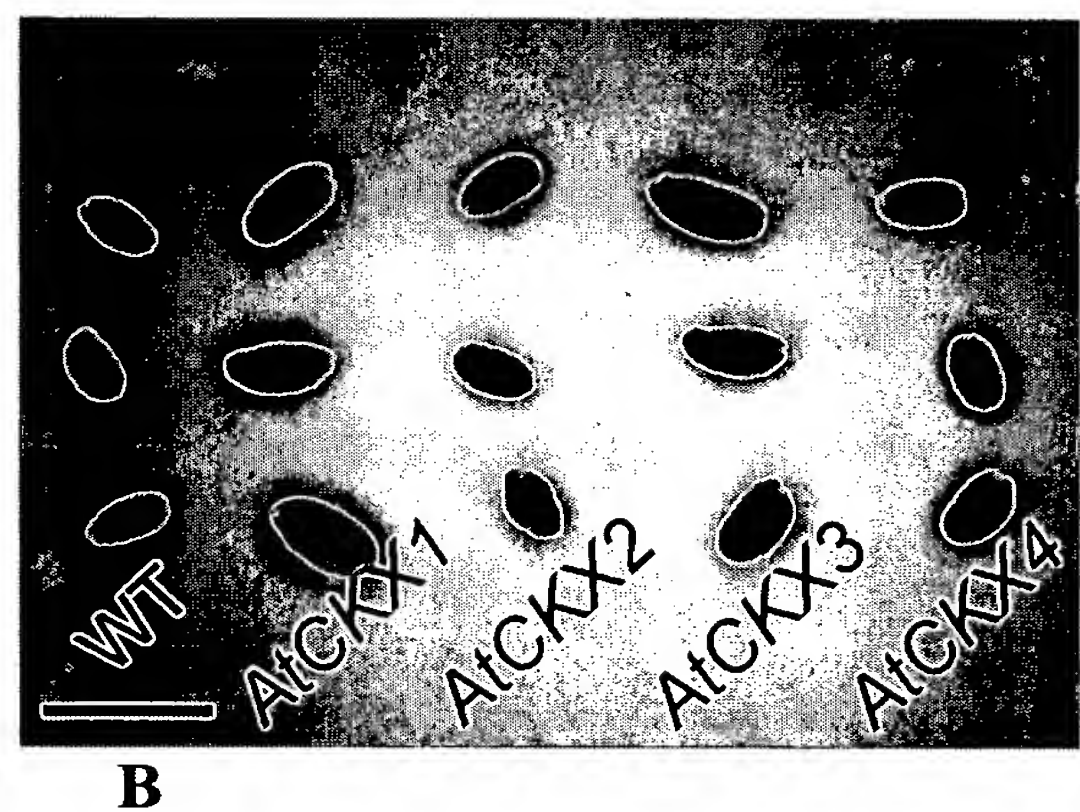
D

Figure 12



A

Figure 13A



B

Figure 13B

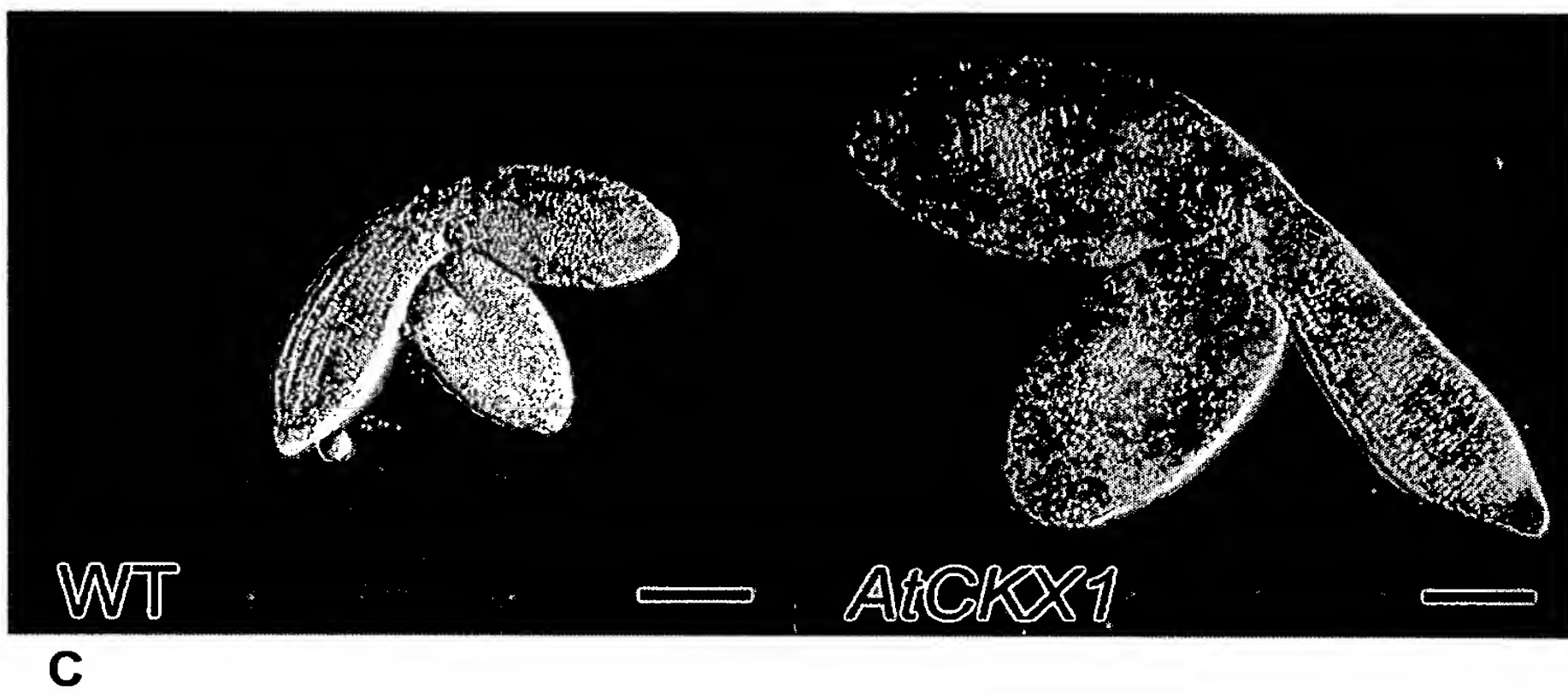


Figure 13C

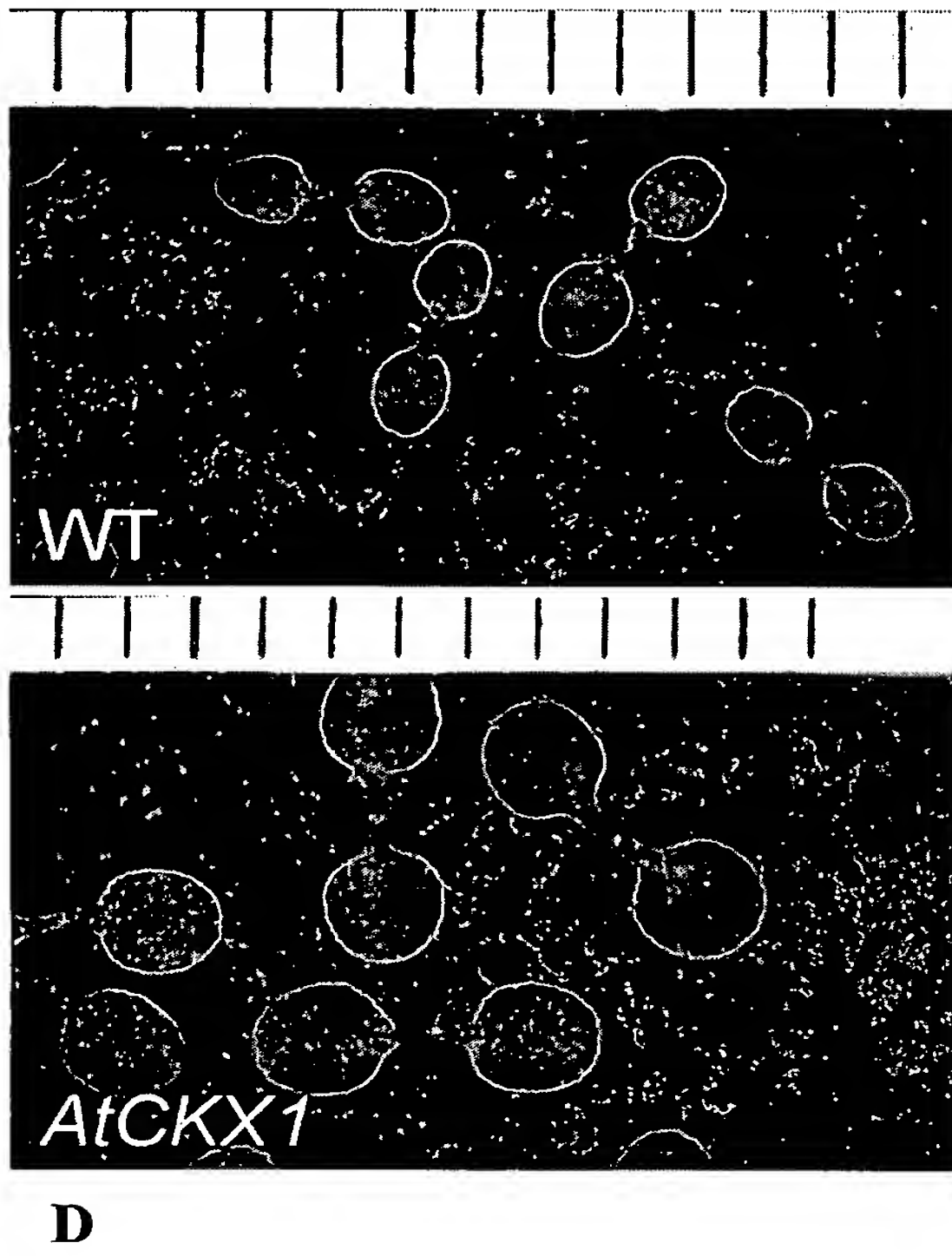


Figure 13D

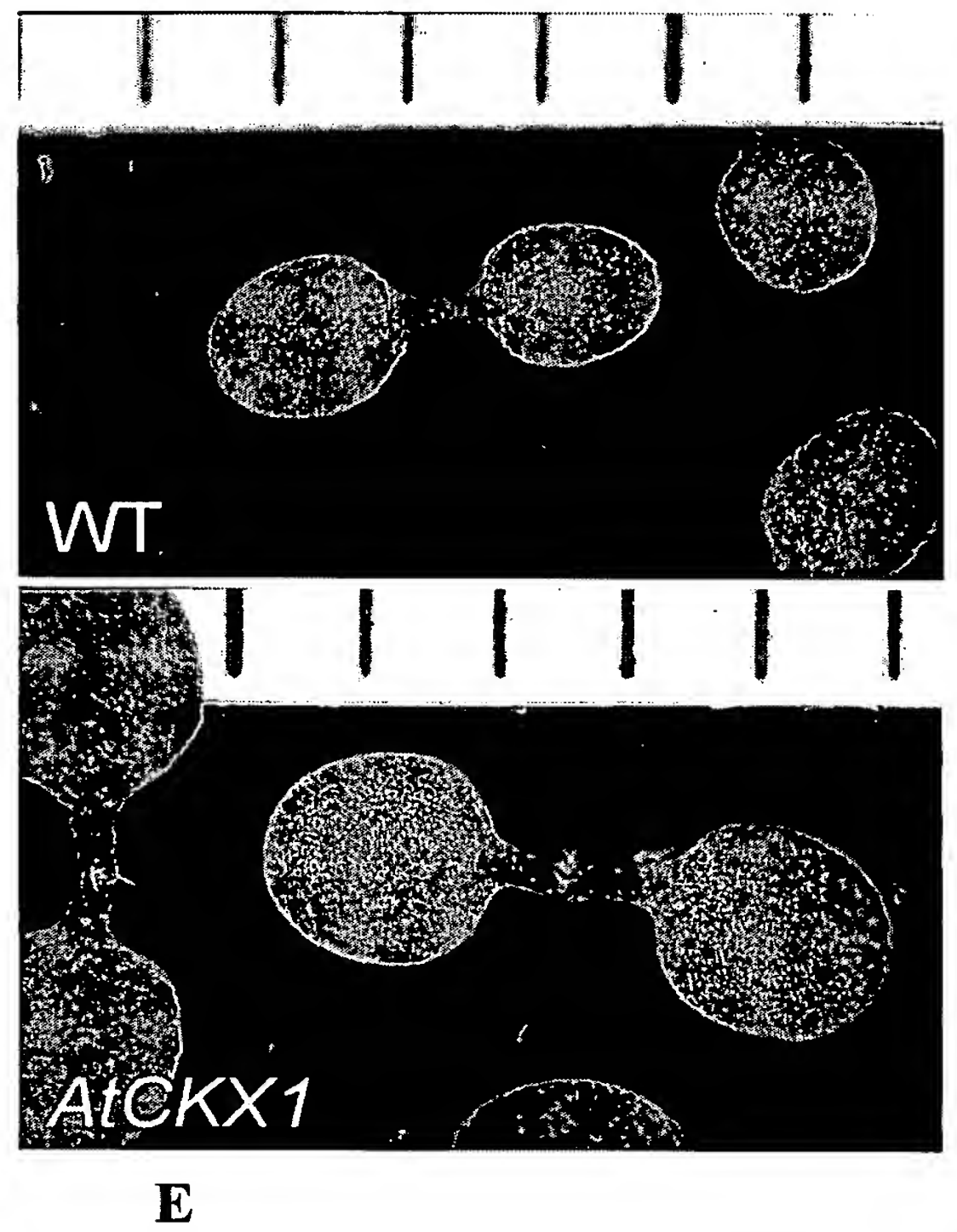


Figure 13E

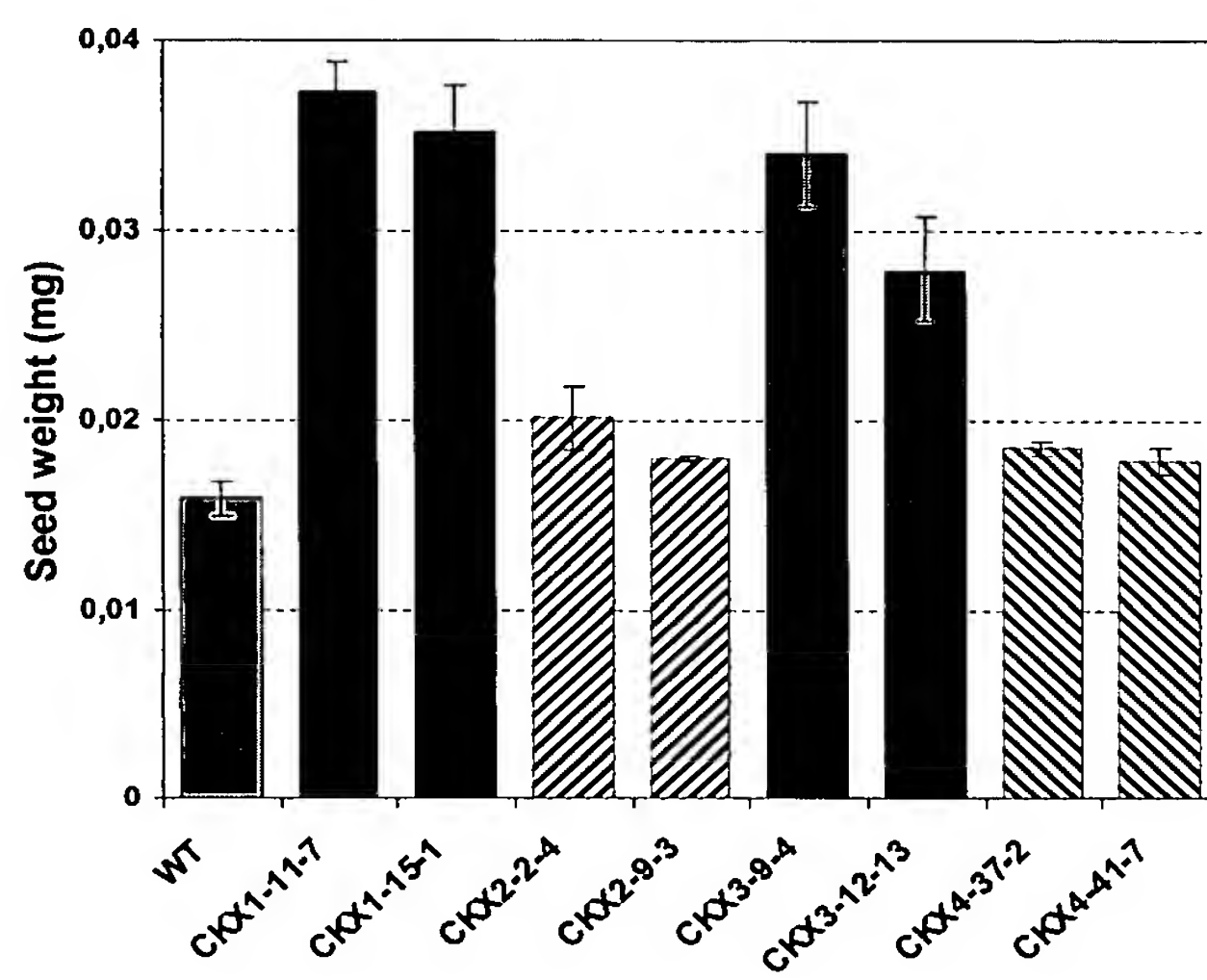


Figure 14